

ACORBER CORE

**Strong Adsorption
Simplified Filtration
Process**

**ARC/ARO/ARW
series**



Acorber™ is a special cartridge with adsorption material inserted. Its main function is to adsorb those harmful components in the filtrate, combining both filtration and adsorption into one piece of element. Three types of Acorbers, can be used for application of decolourisation, oil absorption or water absorption respectively.

Applications

- Food & Beverage
- Pharmaceutical
- Catalyst Industry
- VOC or Organic Gas process
- Inorganic Gas purification
- Oil/Grease & Colloid adsorption

Features and benefits

- Three types of inserts for different application
- Nylon mesh layer to prevent particles bypass
- One stage solution
- Food grade material, suitable for F&B, pharmaceuticals application

Specification

Series

ARC:Active Carbon series
ARO:Oil Absorption series
ARW:Water Absorption series

Cage & Protection Layer

Cage:Polypropylene
Protection Layer:Nylon

O-rings / Gaskets

NBR, Silicon, EPDM, Viton (FKM)

Data & Capacity

ARC : 4x8, 12x40, 20x50 mesh
ARO : 2000, 4000, 6000, 8000 g
ARW : 875, 1750, 2625, 3500 g

Parameters

AR Size &Dimension

#01: ODØ88 x 300mmL
(suitable for Rocket #01)
#02: ODØ88 x 650mmL
(suitable for Rocket #02)

Max. operating temp

80° C (176° F)

Capacity Table (Single media adsorption under laboratory conditions, for reference only)

Acorber	Codes	Feature	A.C. meshes(#) Iodine Adsorption (g)			Cartridge Length (inch) Oil Absorption (g)				Cartridge Length (inch) Water Absorption (g)				Rocket Size		Max. operating temperatures (°C)
			4x8	12x40	20x50	10"	20"	30"	40"	10"	20"	30"	40"	01	02	
			1450	1750	1800	2000	4000	6000	8000	875	1750	2625	3500			
Core	ARC	Active Carbon	■	■	■									■	■	< 80
	ARO	Oil Absorption				■	■	■	■						■	< 80
	ARW	Water Absorption								■	■	■	■		■	< 80

* Please consult with us for other special adsorption requirement

A.C. Adsorption Parameter

Ads. Time(s)	3	7	10
Flow (L/min)	0.6	0.28	0.18

Ordering information

Code/Series

C: A. Carbon
O: Oil Absorp.
W: Water Absorp.

Active Carbon Mesh

A: 4x8
B: 12x40
C: 20x50



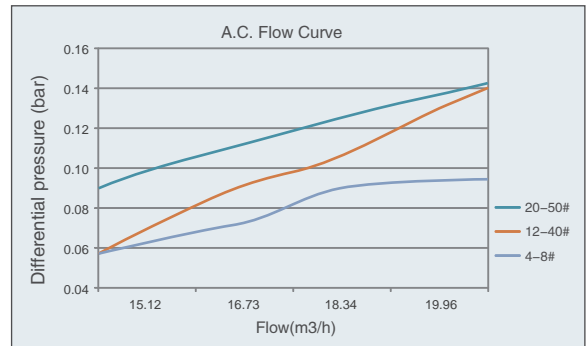
Series

AR: Acorber Rocket Inner Core

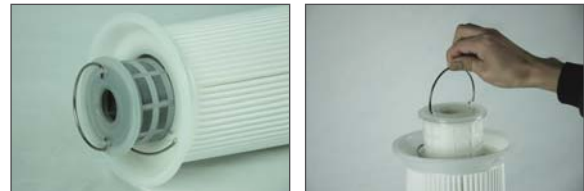
Nominated Length

01: For Rocket size #01
02: For Rocket size #02

Acorber Cartridge Flow Curve (L=660mm)*



*Tested with dynamic viscosity: 1mPas @20°C



Brisbane, Australia

www.monarchindustrial.com.au

www.monarchasiapacific.com.au